

Craighead Environmental Research Institute

Monthly Progress Report: November, 2007

for the Montana Department of Transportation and
Western Transportation Institute

Bozeman Pass Wildlife Monitoring
MSU banner number 426899

1 November 2007 – 31 November 2007

Task 1: Road Kill Surveys during November 2007

Road kill surveys were conducted between Bozeman and Jackson Creek. Surveys were conducted on both sides of I-90 from Bozeman to Jackson Creek and back for a total of 22 miles round trip and an estimated 1 hour of labor per survey. Thirteen (13) road-kill surveys were driven during November of 2007. Three (3) of those recorded no new road-kill. This equals 286 miles driven in November for this subcontract. Totals of animals killed between Bozeman and Livingston were:

Bozeman Pass Roadkill Totals	November
Species	Number
Badger	0
Beaver	0
Bobcat	1
Bird Spp.	0
Black Bear	0
Cowbird	0
Coyote	0
Deer species	4
Dog	0
Domestic cat	0
Elk	1
Great Horned Owl	0
Magpie	0
Mallard	0
Marmot	0
Meadowlark	0
Mink	0
Moose	0
Mule Deer	1

Pigeon	0
Porcupine	0
Rabbit	0
Raccoon	0
Red Fox	0
Skunk	2
Small mammal spp.	0
Weasel	0
White Tail Deer	9

Task 2: Track bed monitoring at the MRL Bridge in November 2007

Because of snow conditions no track bed sessions were completed in November.

Task 3: Photo monitoring at fence ends through November 2007

No animals were recorded by the SE fence-end camera (Camera 7) in November. The sensor lens was damaged slightly by debris from a snowplow and the camera was removed for servicing. The NE fence-end camera (Camera 6) was not checked. Batteries for all remote cameras were replaced at the end of October and should last through the winter.

Task 4: Infrared counter monitoring at jump-outs through November 2007

The Trailmaster sensors are often triggered by false events and adjustment of counter sensitivity settings has been unable to make them reliable. They were not checked during November and will be removed during December.

Task 5: Track bed monitoring at fence ends, jump-outs through November 2007

Because of snow and freezing conditions, track beds are not reliable during winter. One set of deer tracks was recorded at the NE fence end, and two sets at the SE fence end during November.

Task 6: Photo monitoring of culverts November 2007

The culvert cameras were not downloaded in November. Batteries for all remote cameras were replaced at the end of October and should last through the winter.

Task 8: Data Management & Reporting in November 2007

Data entry and summary required two hours during November.